

Tool RFID/ BLE Tagging Service



Even the most challenging tagging requirements can now be implemented

Let Venture Research Remove your Burden of Tagging Tools
Venture Research has developed in-house expertise to automate the evaluation, tag sourcing, placement, adherence and testing of RFID and BLE tags on any tool or asset that needs to be tracked. By developing a methodology followed with a stringent QA procedures, Venture Research can provide a turn key plan to convert untagged tools into tools that can reliably be tracked for many use cases.

Tag Selection from the Industry Leaders

Venture Research maintains long standing relationships with the best of breed in the RFID and BLE tag industry. This allows the proper selection and testing of the best tags to use especially for difficult mount on metal requirements.

Specialty Carriers for the most Difficult Tools

Venture Research has developed an exclusive capability to provide carriers to many tools that cannot be tagged by conventional means. The carriers are associated with the tag and provide a reliable method to determine if a tool has been returned to its home whether in a drawer or surface reader scenario. The carriers are designed to match a foam cut out to ensure tool density in a drawer can be maintained.

Compatible with Venture Research Tool Management Solutions

Though the Tool Tagging Service can assist in preparing the tagging for any compatible RFID or BLE infrastructure, Venture Research has refined solutions specifically optimized for the use of the tool tagging results. The TasKit tool management drawer systems from Venture Research are designed to read all tagged tools reliable using specially designed drawer antenna array systems and built-in computer and drawer solution. The Surface Reader extends visibility of tools outside of drawers and allows tools to be tracked where the tools are used.

Custom Encoding Capability

The Tagging Service can perform any encoding requirements for tags on material including retaining the unique engraved serialization of the tool as the RFID serial number. Special preamble encodings can be provided or tools can be uniquely serialized to abide by industry GS1 standards.

Foam Cutout Service

It is strongly recommended for the most critical FOD management requirements that tools can be organized and assigned to cutouts in foam material that matches the tool usage for an application. Venture Research can provide the foam sheets, cutout designs and testing for any tools that need to be organized using foam sheets. Foam tool holders support lean 5S manufacturing practices.



Tagged tools can also be used on Venture Research Surface Readers

Features	Benefits
One stop tool tagging service	Provides a turn-key solution to the evaluation, sourcing, placement, adherence and testing of tag on material requirements
Complies with FOD (Foreign Object Debris) management	Tools or consumables can now be tracked to guarantee all tools are properly accounted for
Access to the best tags on the market	Ensures the proper tag is selected depending on size, performance and usages
Custom Encoding Capability	Can encode tags to custom formats or use GS1 standards
Custom Carrier design and Fabrication	Allows even hard to tag tools and consumables to be tracked
Foam cutout design and manufacture for tool kits	Satisfies Lean 5S guidelines and FOD Management